

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1 Claim 1 (previously presented): A method of controlling a call forwarding service
2 comprising:
3 operating a peripheral device coupled to a telephone switch to receive
4 a call to a telephone number corresponding to said peripheral device from a caller
5 using a first telephone to make said call, said peripheral device being used to provide
6 said call forwarding service;
7 determining, using automatic number identification information, a first
8 telephone number corresponding to the first telephone from which said call was
9 made;
10 detecting receipt of a first call forwarding control signal from the first
11 telephone;
12 determining, from the first telephone number and stored information,
13 if the first telephone corresponds to a telephone for which said call forwarding service
14 is supported;
15 if said first signal is a call forwarding control signal used to activate
16 said call forwarding service and it is determined that said call forwarding service is
17 supported for the first telephone, determining if a call processing record, associated
18 with said first telephone number, accessible to a service control point coupled to said
19 peripheral device by said telephone switch, includes a previously stored call
20 forwarding telephone number to which forward calls are to be sent; and
21 if it is determined that a previously stored telephone number to which
22 forward calls are to be sent is available, i) updating said call processing record
23 associated with said first telephone to indicate that call forwarding is active; and
24 ii) enabling the forwarding of calls directed to the first telephone to a second
25 telephone using said previously stored call forwarding telephone number.

- 1 Claim 2 (previously presented): The method of claim 1, further comprising:

2 if it is determined that said call forwarding service is not supported for the
3 first telephone, prompting the caller for a telephone number corresponding to a
4 service to be updated.

1 Claim 3 (previously presented): The method of claim 2, further comprising:
2 examining the first signal to determine if said first signal is a control signal
3 used to activate said call forwarding service or to disable said call forwarding service.

1 Claim 4 (previously presented): The method of claim 3, wherein the step of enabling
2 the forwarding of calls directed to the first telephone further includes:
3 operating the service control point to send an update message to a
4 telephone switch to which the first telephone is coupled to set a terminating attempt
5 trigger on a telephone line corresponding to the first telephone.

1 Claim 5 (previously presented): The method of claim 4, further comprising, when
2 said first signal is determined to be a control signal used to disable call forwarding:
3 operating the service control point to send an update message to the
4 telephone switch to which the first telephone is coupled to deactivate a terminating
5 attempt trigger on the telephone line corresponding to the first telephone.

1 Claim 6 (previously presented): The method of claim 5, further comprising:
2 updating the call processing record corresponding to the first telephone to
3 indicate that said call forwarding service is not active.

1 Claim 7 (canceled)

1 Claim 8 (previously presented): The method of claim 6, wherein disabling the
2 forwarding of calls further includes:

3 operating the service control point to send an update message to a
4 telephone switch to which the first telephone is coupled to deactivate a terminating
5 attempt trigger previously set on the telephone line corresponding to the first
6 telephone.

1 Claim 9 (canceled)

1 Claim 10 (previously presented): A method of controlling a call forwarding service
2 comprising:
3 operating a peripheral device coupled to a telephone switch to receive
4 a call to a telephone number corresponding to said peripheral device from a caller
5 using a first telephone to make said call, said peripheral device being used to provide
6 said call forwarding service;
7 detecting receipt of a first signal from the first telephone;
8 determining, using automatic number identification information, a first
9 telephone number corresponding to the first telephone from which said call was
10 made;
11 accessing, using the first telephone number, service information
12 maintained in a service control point coupled to said peripheral device by said
13 telephone switch said service information being a call processing record associated
14 with said first telephone number;
15 determining, from the accessed information, if the first telephone
16 corresponds to a telephone for which said call forwarding service is being used to
17 forward calls; and
18 if it is determined that said call forwarding service is being used to
19 forward calls directed to the first telephone, disabling said call forwarding service in
20 response to the first signal when said first signal is a control signal used to disable
21 said call forwarding service.

1 Claim 11 (previously presented): The method of claim 10, wherein the disabling call
2 forwarding service step includes:
3 operating said service control point to transmit a message instructing a
4 telephone switch to disable a terminating attempt trigger set on a telephone line to
5 which the first telephone is coupled.

1 Claim 12 (previously presented): The method of claim 10, wherein the step of
2 disabling call forwarding service includes:
3 updating a call processing record including said service information to
4 indicate that said call forwarding service is not active.

1 Claim 13 (previously presented): The method of claim 12, further comprising the
2 step of operating the service control point to transmit a message to disable a
3 terminating attempt trigger set on a telephone line to which the first telephone is
4 coupled.

1 Claim 14 (previously presented): The method of claim 10, further comprising the step
2 of disabling a terminating attempt trigger set on a telephone line to which the first
3 telephone is coupled.

1 Claims 15-19 (canceled):

1 Claim 20 (previously presented): A communication system, comprising:
2 a first telephone;
3 a telephone switch coupled to said telephone;
4 a peripheral device coupled to said telephone switch;
5 a service control point coupled to said telephone switch and to said
6 peripheral device by way of said telephone switch;

7 said peripheral device including means for receiving a first telephone
8 call made from said first telephone to a telephone number corresponding to said
9 peripheral device and routed to said peripheral device by said telephone switch and
10 means for receiving from the telephone a first control signal;

11 said peripheral device further including means for communicating telephone
12 number information indicating a first telephone number corresponding to the first
13 telephone from which said first telephone call was made and control signal
14 information to said service control point by way of said telephone switch;

15 said service control point including:

16 i) means for accessing a call processing record corresponding to the
17 first telephone number as a function of information communicated from said
18 peripheral device;

19 ii) means for determining if the accessed call processing record
20 includes a call forwarding telephone number to be used when forwarding calls
21 directed to said telephone; and

22 iii) means for activating a call forwarding service, said call forwarding
23 service forwarding calls directed to said first telephone as a function of said call
24 forwarding telephone number when it is determined that the accessed call processing
25 record includes said telephone number and said control signal is a call forwarding
26 activation signal.

1 Claim 21 (previously presented): A call forwarding control method, the method
2 comprising:

3 operating a peripheral device coupled to a telephone switch to receive a call
4 made from a first telephone by dialing a telephone number corresponding to the
5 peripheral device, a first telephone number being associated with said first telephone;

6 operating the peripheral device to receive a signal from the first telephone;

7 determining if the signal is a call forwarding control command; and

8 if the received signal is determined to be a call forwarding control command,

9 i) using automatic number identification information
10 corresponding to said call to identify a call processing record
11 corresponding to a first telephone number corresponding to said first
12 telephone from which said call was made, said call processing record
13 being accessible to a service control point coupled to said peripheral
14 device by said telephone switch; and
15 ii) modifying the content of said call processing record in
16 accordance with the received call forwarding control command; and
17 if the received signal is determined not to be a call forwarding control
18 command, determining if the received signal is a telephone number of a subscriber for
19 which a service is provided using said service control point.

1 22. (previously presented): The method of claim 21,
2 wherein said call processing record includes a stored call forwarding
3 number; and
4 wherein said modifying the content of said call processing record includes
5 performing changing the status of a call forwarding indicator stored in said call
6 processing record.

1 23. (previously presented): The method of claim 21,
2 wherein said call is placed from a telephone having a different telephone
3 number than a telephone number included in said received signal;
4 wherein said service that is provided using said service control point is a call
5 forwarding service corresponding to said different telephone number,
6 the method further comprising:
7 prompting the caller to enter a personal identification number;
8 checking a received personal identification number to determine if it matches a stored
9 personal identification number associated with said telephone number; and

- 10 if the checking indicates a match between said stored personal identification
11 number and the received personal identification number, modifying the content of call
12 forwarding information associated with said telephone number included in said
13 received signal as a function of information received in said call.